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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/812,538
Filing Date	March 30, 2004
First Named Inventor	Robert L. Goldsmith
Art Unit	1724
Examiner Name	Not yet assigned
Attorney Docket Number	647P002Div.

Total Number of Pages in This Submission

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	-Form PTO-1449
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	-References cited - 7
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Kevin S. Lemack Niels & Lemack
Signature	
Date	August 18, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kevin S. Lemack		
Signature		Date	Aug. 18, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert L. Goldsmith

Serial No. : 10/812,538

Filed : March 30, 2004

For : AIRLIFT MEMBRANE DEVICE AND MEMBRANE BIOREACTOR  
AND BIOREACTOR PROCESS CONTAINING SAME

Examiner : Not yet assigned

Art Unit : 1724

Attorney :  
Docket No. : 647P002Div.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

INFORMATION DISCLOSURE STATEMENT

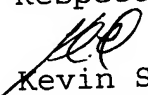
The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

Copies of the documents listed on the attached form are filed herewith.

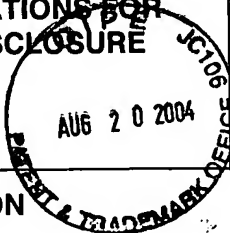
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 18, 2004

  
Signature: Kevin S. Lemack  
Date: August 18, 2004

Respectfully submitted,

  
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<b>FORM PTO-1449</b> <b>LIST OF PATENTS AND PUBLICATIONS FOR</b> <b>APPLICANT'S INFORMATION DISCLOSURE</b> <b>STATEMENT</b>	<b>ATTY. DOCKET NO.</b> 647P002Div.	<b>SERIAL NO.</b> 10/812, 538
	Robert L. Goldsmith	
	<b>FILING DATE</b> March 30, 2004	<b>GROUP</b> 1724


**REFERENCE DESIGNATION**
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,494,577	2/1996	Rekers	210	321.8	
	AB	2002/0081254	6/2002	Boger	422	222	
	AC						
	AD						
	AE						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BB							
	BC							
	BD							

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

	CA	IWA Publication, London, UK (2002); Stowa Report; H.F. van der Roest; "Membrane Bioreactors for Municipal Wastewater Treatment";
	CB	Journal of Membrane Science 221 (2003) 1-35; Z.F. Cui et al. "The use of gas bubbling to enhance membrane processes"
	CC	Chemical Engineering Science 56 (2001) 805-812; Johan J. Heiszwolf et al. "Hydrodynamic aspects of the monolith loop reactor"
	CD	Chemical Engineering Science 56 (2001) 823-829; T.A. Nijhuis et al.; "Monolithic catalysts as efficient three-phase reactors"
	CE	Lecture by dr.ing. Johan J. Heiszwolf; 16 <sup>th</sup> International Symposium on Chemical Reaction Engineering (ISCRE 16), Krakow, Poland, 10-13 September 2000; "Monolith Loop Reactor an Alternative to Slurry Reactors"
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>

**EXAMINER:** Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to applicant.